

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142642.D
 Acq On : 06 Jun 2025 12:54
 Operator : RC/JU
 Sample : Q2185-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP02-MHB-WC

Quant Time: Jun 06 13:35:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	108792	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	404232	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	200133	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	306429	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	220154	20.000	ng	-0.01
86) Perylene-d12	15.563	264	262773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	468083	72.487	ng	0.00
7) Phenol-d6	6.516	99	563628	72.509	ng	-0.02
23) Nitrobenzene-d5	7.451	82	332003	44.785	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	154395	69.509	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	742709	49.798	ng	-0.02
79) Terphenyl-d14	13.010	244	602042	37.370	ng	0.00

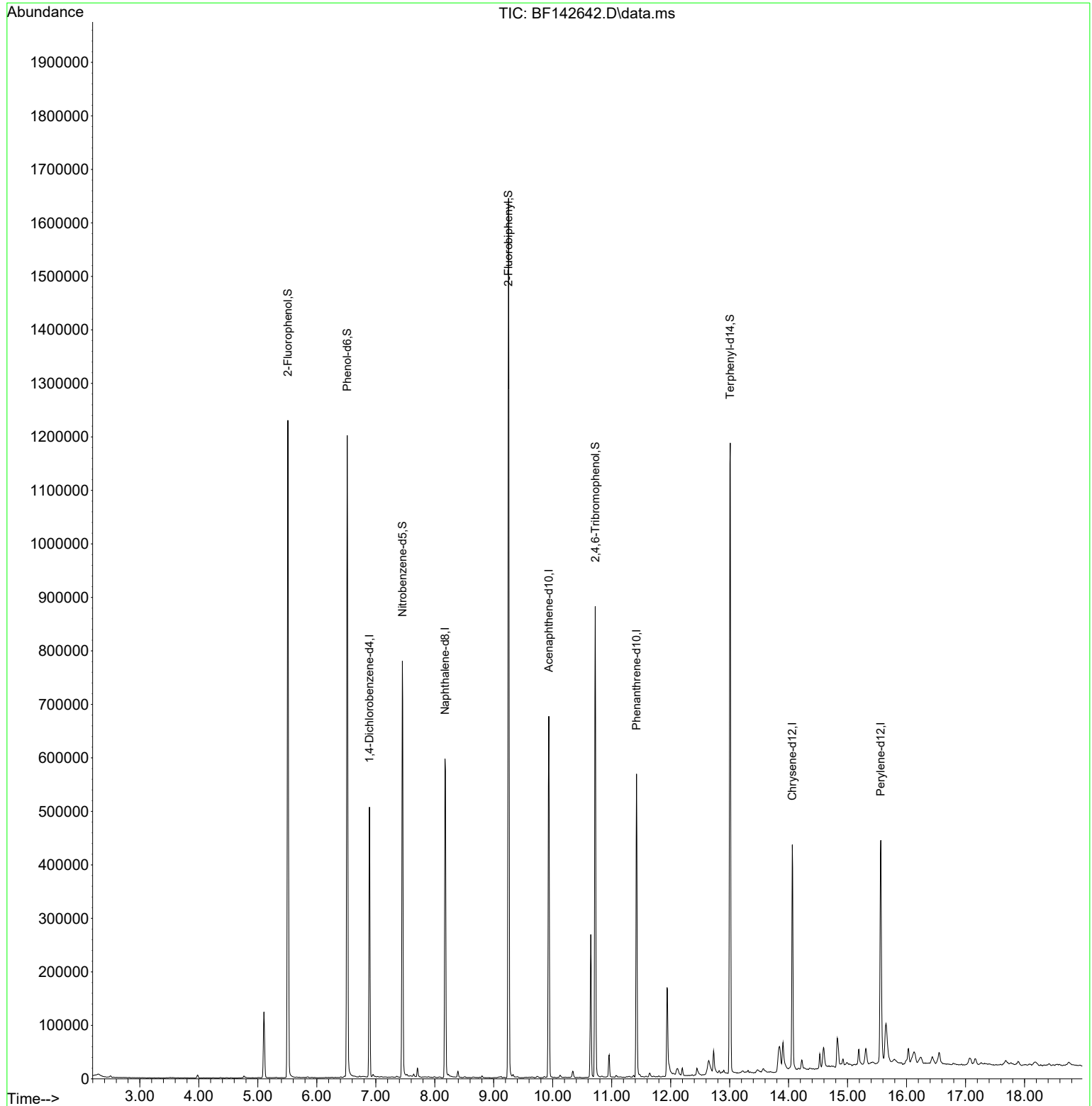
Target Compounds	Qvalue

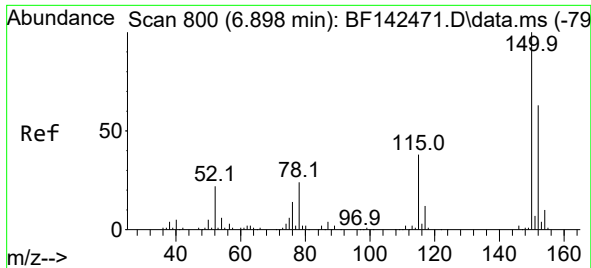
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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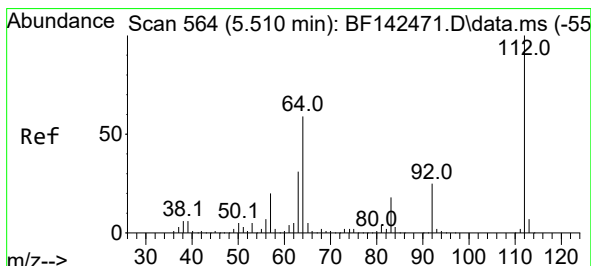
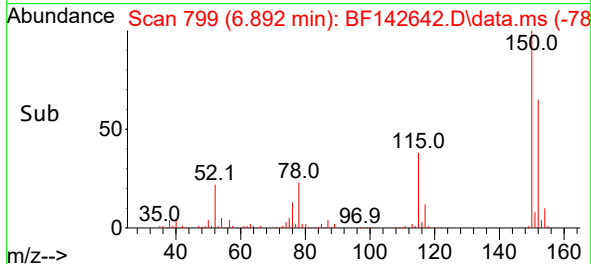
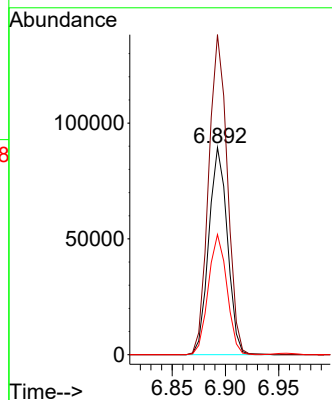
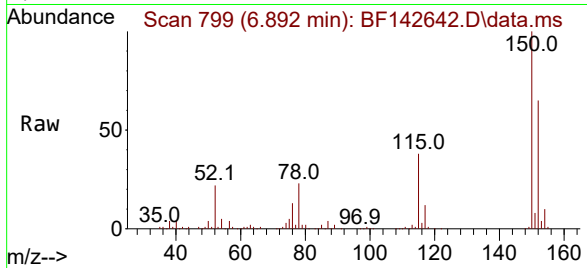




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF142642.D
Acq: 06 Jun 2025 12:54

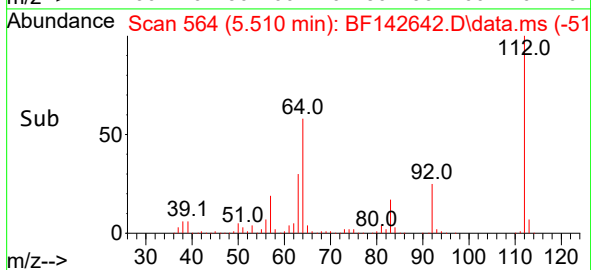
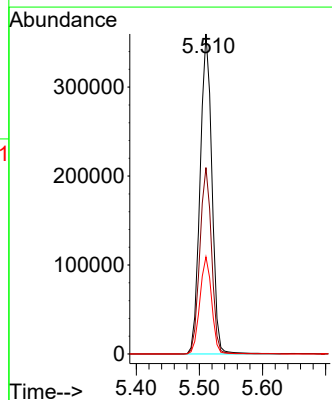
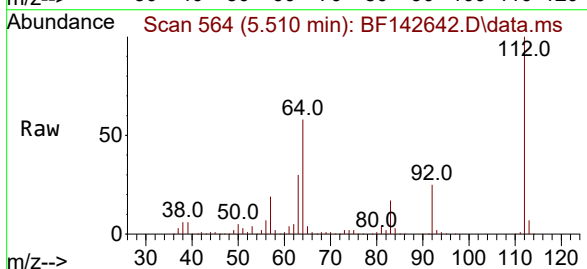
Instrument :
BNA_F
ClientSampleId :
TP02-MHB-WC

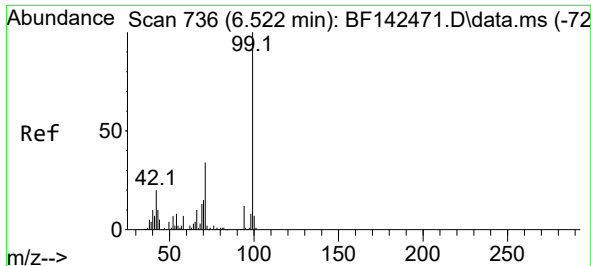
Tgt Ion:152 Resp: 108792
Ion Ratio Lower Upper
152 100
150 154.4 128.2 192.4
115 58.0 48.3 72.5



#5
2-Fluorophenol
Concen: 72.487 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142642.D
Acq: 06 Jun 2025 12:54

Tgt Ion:112 Resp: 468083
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 30.3 24.9 37.3





#7

Phenol-d6

Concen: 72.509 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF142642.D

Acq: 06 Jun 2025 12:54

Instrument :

BNA_F

ClientSampleId :

TP02-MHB-WC

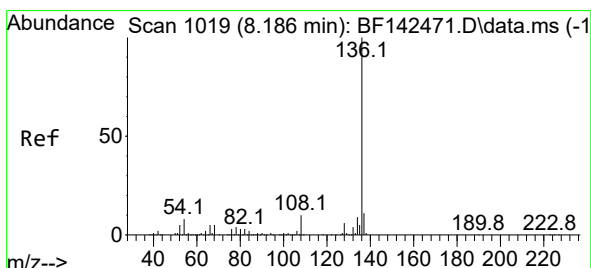
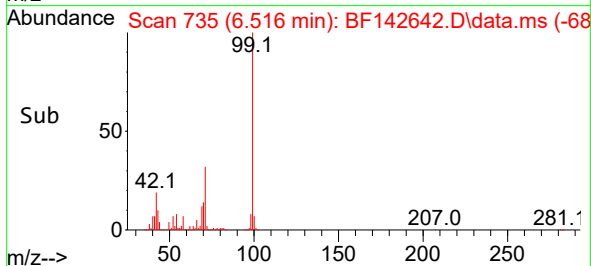
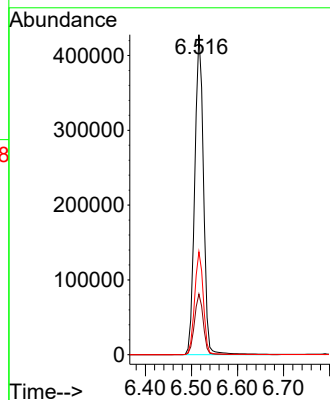
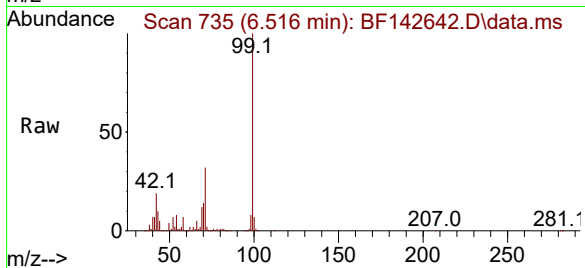
Tgt Ion: 99 Resp: 563628

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.2

71 32.1 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF142642.D

Acq: 06 Jun 2025 12:54

Tgt Ion: 136 Resp: 404232

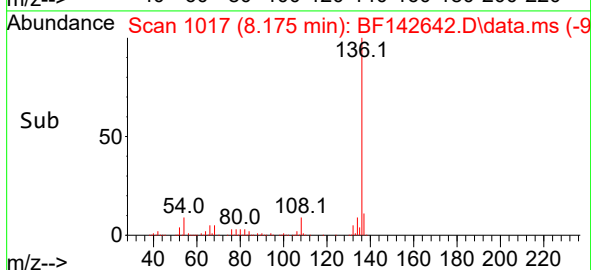
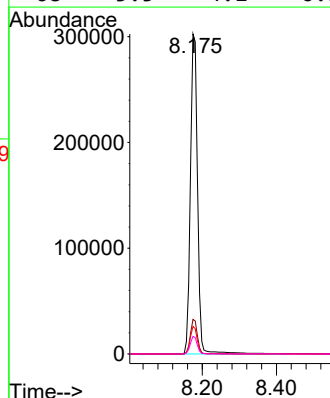
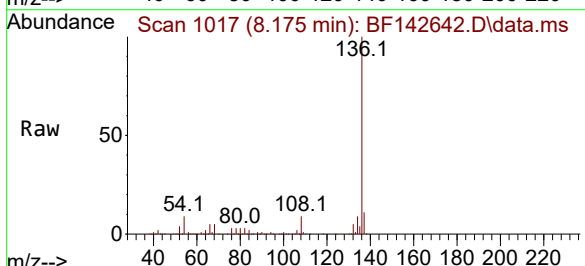
Ion Ratio Lower Upper

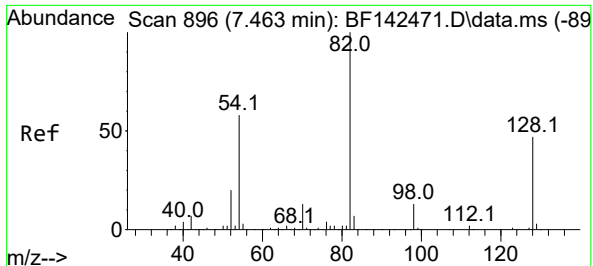
136 100

137 10.8 8.6 13.0

54 8.6 6.6 10.0

68 5.5 4.1 6.1

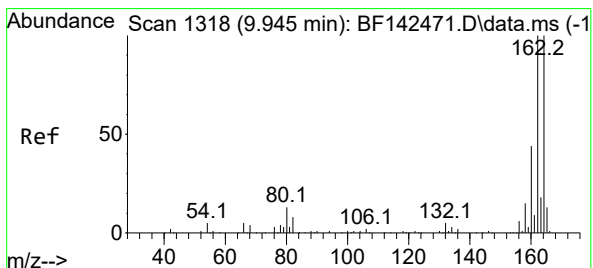
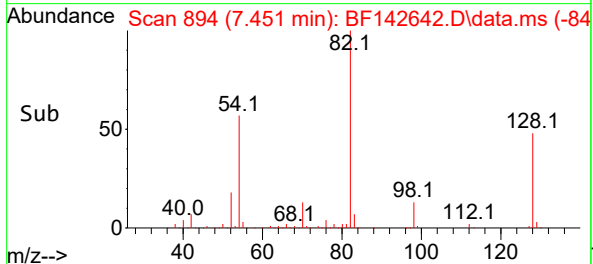
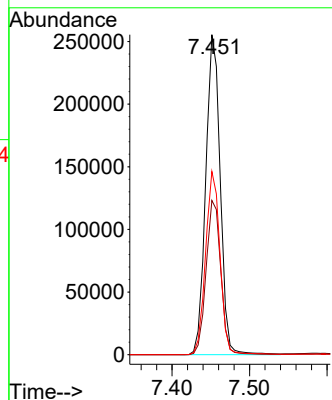
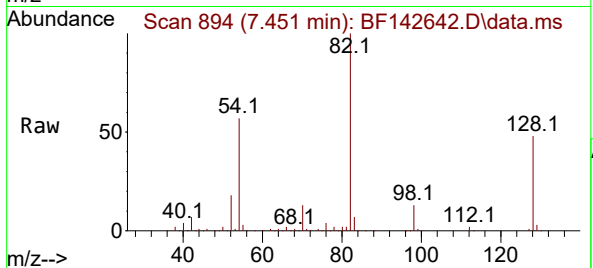




#23
Nitrobenzene-d5
Concen: 44.785 ng
RT: 7.451 min Scan# 896
Delta R.T. -0.023 min
Lab File: BF142642.D
Acq: 06 Jun 2025 12:54

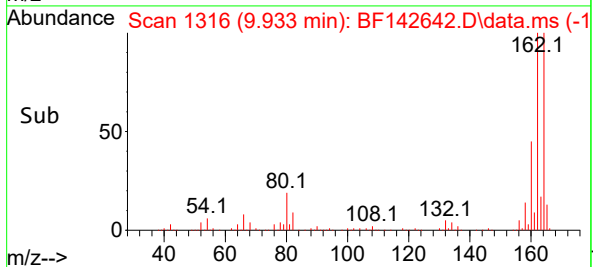
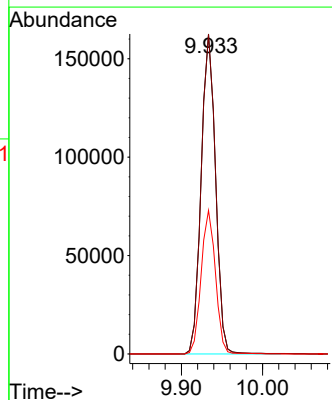
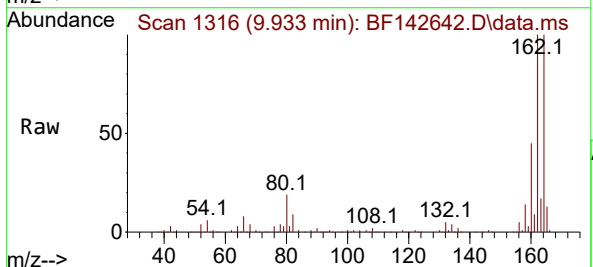
Instrument :
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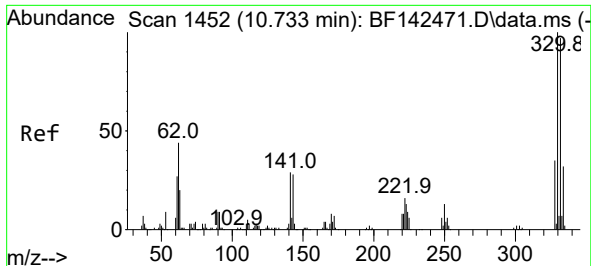
Tgt Ion: 82 Resp: 332003
Ion Ratio Lower Upper
82 100
128 48.2 37.4 56.2
54 57.3 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142642.D
Acq: 06 Jun 2025 12:54

Tgt Ion:164 Resp: 200133
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.4
160 44.9 35.6 53.4

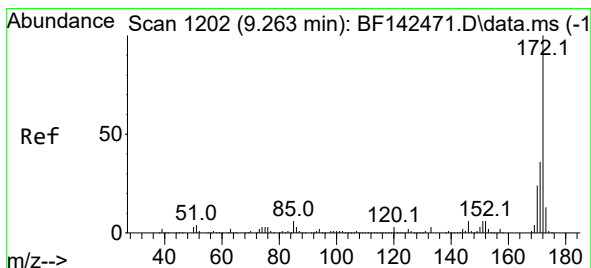
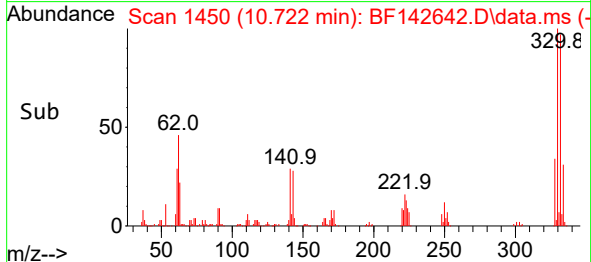
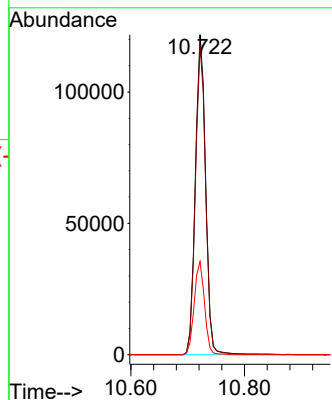
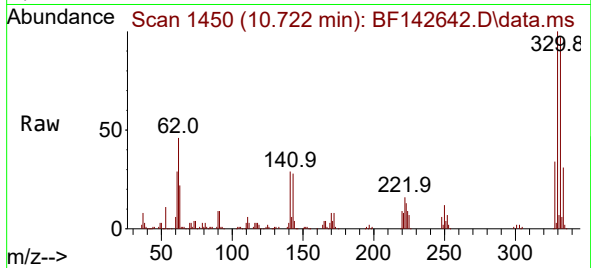




#42
2,4,6-Tribromophenol
Concen: 69.509 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF142642.D
Acq: 06 Jun 2025 12:54

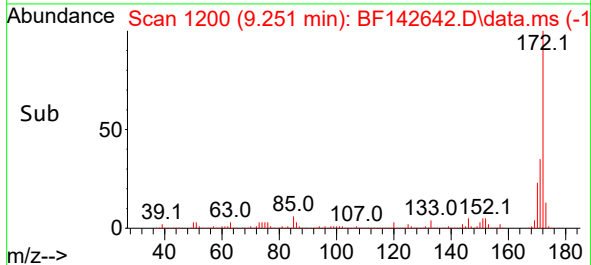
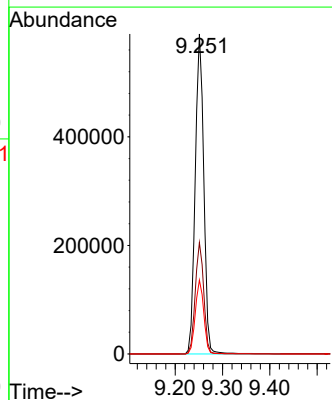
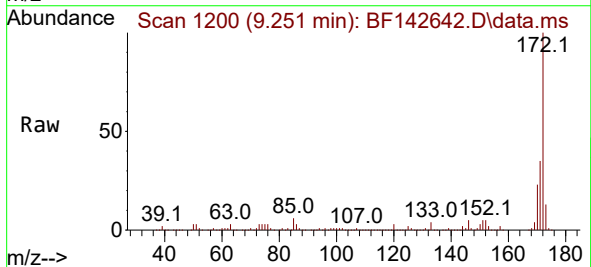
Instrument :
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TP02-MHB-WC

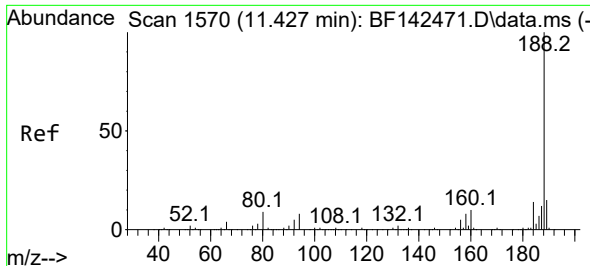
Tgt Ion:330 Resp: 154395
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 29.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 49.798 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142642.D
Acq: 06 Jun 2025 12:54

Tgt Ion:172 Resp: 742709
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.1 18.9 28.3

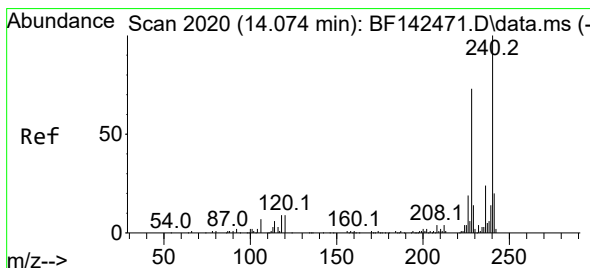
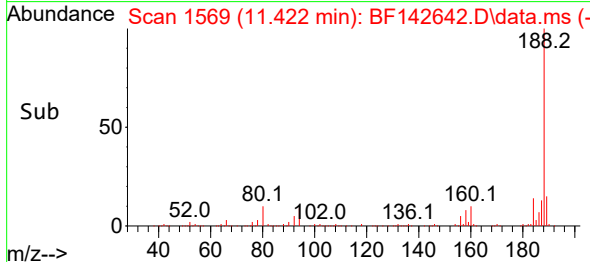
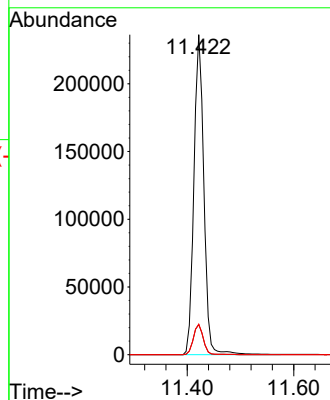
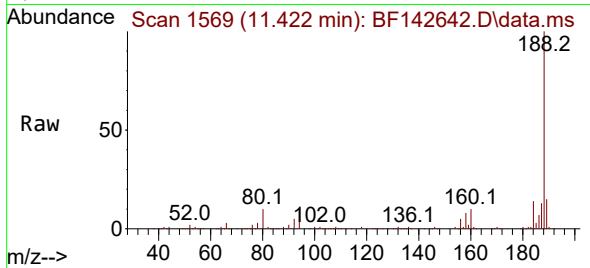




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142642.D
Acq: 06 Jun 2025 12:54

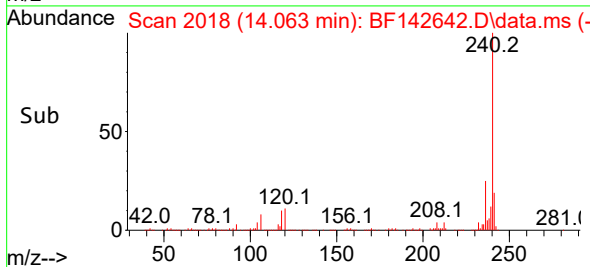
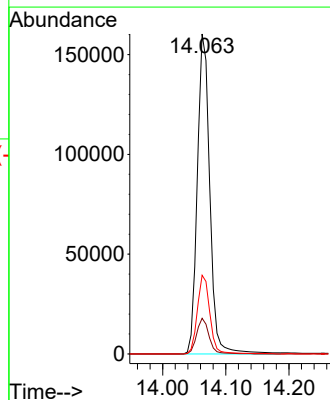
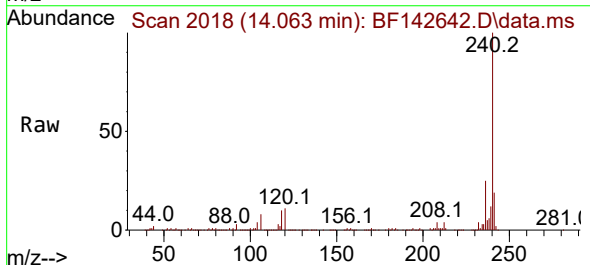
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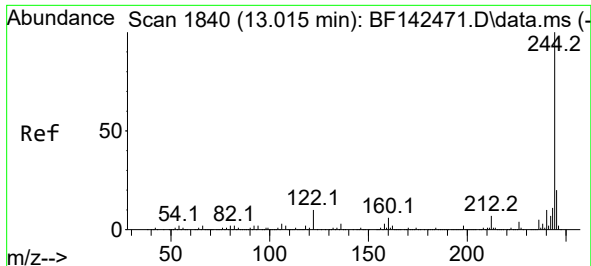
Tgt Ion:188 Resp: 306429
Ion Ratio Lower Upper
188 100
94 9.4 6.6 10.0
80 9.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142642.D
Acq: 06 Jun 2025 12:54

Tgt Ion:240 Resp: 220154
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 24.6 19.6 29.4

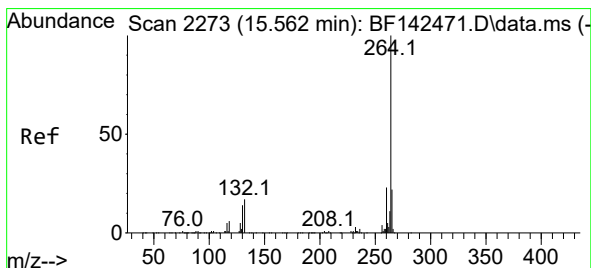
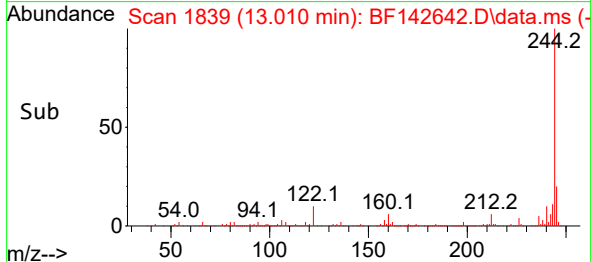
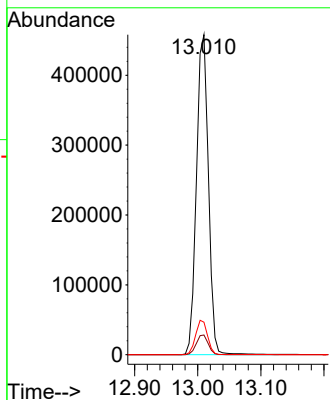
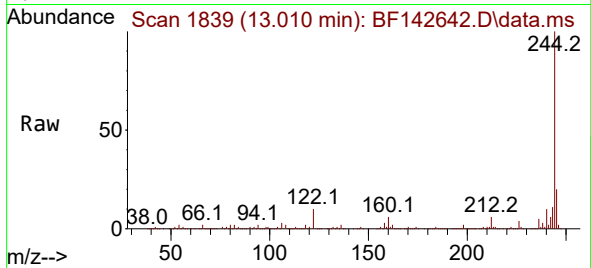




#79
 Terphenyl-d14
 Concen: 37.370 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142642.D
 Acq: 06 Jun 2025 12:54

Instrument :
 BNA_F
 ClientSampleId :
 TP02-MHB-WC

Tgt Ion:244 Resp: 602042
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142642.D
 Acq: 06 Jun 2025 12:54

Tgt Ion:264 Resp: 262773
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.7 17.7 26.5

